

GAU 1633



I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner For Patents, Washington, D.C. 20231 on Jan. 18, 2001

Dara M. Kendall 43,709
Name of Attorney Registration No.
Dara M. Kendall
Signature of Attorney

Case 7070

RECEIVED

JAN 23 2001

TECHNICAL UNIT 1600/2901

#4
BQ
1/24/01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the Application of :
D. N. RUBINGH ET AL. :
Serial No.: 09/646,984 : Group Art Unit: 1633
Filed: September 25, 2000 : Examiner:

For: SERINE PROTEASE VARIANTS HAVING AMINO ACID DELETIONS AND
SUBSTITUTIONS

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Pursuant to 37 C.F.R. §§ 1.56, 1.97 and 1.98, record is being made below in a Form PTO-1449 of documents which the Patent Office may wish to consider in connection with examination of the above-identified patent application. It is respectfully requested that the cited documents be carefully considered by the Examiner and made of record in this case. As provided in §1.97(g), no representation is made or intended that a thorough art search was made. As provided in 37 C.F.R. §1.97(h), this Information Disclosure Statement does not constitute an admission of any kind, and specifically is not an admission that the documents listed on attached form PTO-1449 are, or are considered to be, material to the patentability of the above-identified patent application, as defined in 37 C.F.R. §1.56(b).

1. ☐ 37 C.F.R. §1.97 (b)(1) - U.S. Direct (within 3-months of filing a regular application or converted provisional)

This information disclosure statement, submitted under 37 C.F.R. §1.97 (b)(1), is being filed within three months of the filing date of a national application. Therefore, no fee is believed to be due.

2. ☐ 37 C.F.R. §1.97 (b)(2) - Via PCT (within 3 mo. of Nat'l Stage Entry)

This information disclosure statement, submitted under 37 C.F.R. §1.97 (b)(2), is being filed within three months of the date of entry of the national stage as set forth in 37 C.F.R. §1.491 in an international application. Therefore, no fee is believed to be due.

RECEIVED

JAN 23 2001

3. ☒ 37 C.F.R. §1.97 (b)(3) - (>3 mo. after filing direct or nat'l stage entry, but before 1st Office Action.)

This information disclosure statement is being submitted under 37 C.F.R. §1.97 (b)(3). Applicants have not received an Office Action on the merits in the present application. Therefore, no fee is believed to be due. However, in the event that this paper is crossing in the mail with a first Office Action on the merits, authorization is hereby given to charge the required fee pursuant to 37 C.F.R. §1.97(c) and 37 C.F.R. §1.17(p) to Deposit Account No. 16-2480 in the name of The Procter & Gamble Company. A duplicate of this letter is enclosed to facilitate charging of the fee, if necessary.

THE FOLLOWING IS ADDITIONAL INFORMATION PERTAINING TO (2) OR (3) MARKED WITH AN (X) ABOVE.

(a) ☐ The Notification of Acceptance of this Application Under 35 U.S.C. §371 indicates that both a copy of the International Search Report and copies of the references cited therein are present in the national stage file. In accordance with MPEP §1893.03(g), it is respectfully requested that the Examiner note the consideration of these references in the first Office Action via the PTO-892 form.

(b) ☐ The Notification of Acceptance of this Application Under 35 U.S.C. §371 indicates that a copy of the International Search Report is present in the national stage file. Copies of the references cited in that report are enclosed. It is respectfully requested that the Examiner note the consideration of these references in the first Office Action via the PTO-892 form.

(c) ☐ The Notification of Acceptance of this Application Under 35 U.S.C. §371 does not indicate that a copy of the International Search Report and copies of the references cited are present in the national stage file. Copies of the International Search Report and references are attached.

4. ☐ 37 C.F.R. §1.97(c) with fee payment - (use after 1st Office Action & before Final Office Action or Notice of Allowance)

This information disclosure statement is being submitted under 37 C.F.R. §1.97(c). Applicant(s) have not received a final action under 37 C.F.R. §1.113 or a notice of allowance under 37 C.F.R. §1.311 as of the date of this submission. Applicant(s) elect to pay the fee set forth in 37 C.F.R. §1.17(p). Please charge the fee set forth in 37 C.F.R. §1.17(p) to Deposit Account Number 16-2480 in the name of The Procter & Gamble Company. A duplicate copy of this letter is enclosed to facilitate the charging of the fee.

ADDITIONAL ITEMS TO BE NOTED BY THE EXAMINER:

☐ (1) Copies of the cited references were previously cited by or submitted to the USPTO in prior application Case No. ____, U.S. Patent Application Serial No. __, filed __. Applicants claim priority to said application under 35 U.S.C. §120. Accordingly, copies of those documents are not provided with this Statement, pursuant to 37 C.F.R. §1.98(d).

OR

☒ (2) Copies of the cited documents are enclosed.

OR

☐ (2) Copies of the document numbers, which were not cited on the International Search Report, are enclosed.

OR

☐ (3) Copies of all said documents, except document No.'s _____, were submitted and considered in parent application U.S. Patent Application Serial No. _____, filed _____. Applicant(s) claim priority to said application under 35 U.S.C. §120. Accordingly, copies of document No.'s _____ are not provided with this Statement, pursuant to 37 C.F.R. §1.98(d). Copies of document No.'s _____ are enclosed. It is respectfully requested that the cited documents be carefully considered by the Examiner and made of record in this case.

☒ (4) Pursuant to 37 C.F.R. §1.98(c), a concise explanation of the relevance of each cited reference that is not in the English language follows.

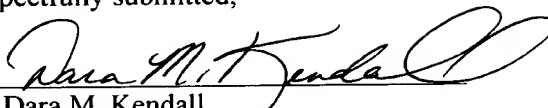
WO 94/06905 – The abstract of the application states “[I]n a subtilisine-like resin protease produced by the mutation of the structural gene of a wild strain and the expression of the mutated structural gene into a production strain.” The abstract states further that “[T]his is done by introducing a glutaminic acid radical into the protease in position 194 in the BPN’ system and, if desired, introducing proline into position 188.

☒ (5) Applicants also respectfully request the Examiner to consider and make of record the copending applications listed on the attached page.



Additional information is attached.

Respectfully submitted,

By 
Dara M. Kendall
Attorney for Applicants
Registration No. 43,709
(513) 627-0081

Jan. 18, 2001
Miami Valley Laboratories
P. O. Box 538707
Cincinnati, OH 45253-8707

COPENDING APPLICATIONS

| <u>Atty. Docket No.</u> | <u>Serial Number</u> | <u>Inventor(s)</u> | <u>Filing Date</u> |
|-------------------------|----------------------|--------------------|--------------------|
| 7071 | 09/646,982 | Rubingh et al. | 9/25/2000 |
| 7072R | 09/088,912 | Rubingh et al. | 6/02/1998 |
| 7669 | 09/618,740 | Weisgerber et al. | 7/18/2000 |
| 7670 | 09/618,235 | Rubingh et al. | 7/18/2000 |
| 7671 | 09/618,768 | Laughlin et al. | 7/18/2000 |
| 7672 | 09/618,845 | Rubingh et al. | 7/18/2000 |
| 7673 | 09/618,573 | Sikorski et al. | 7/18/2000 |